

## System Check\_H835\_120410

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835\_0410 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 42.068$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.02 mW/g

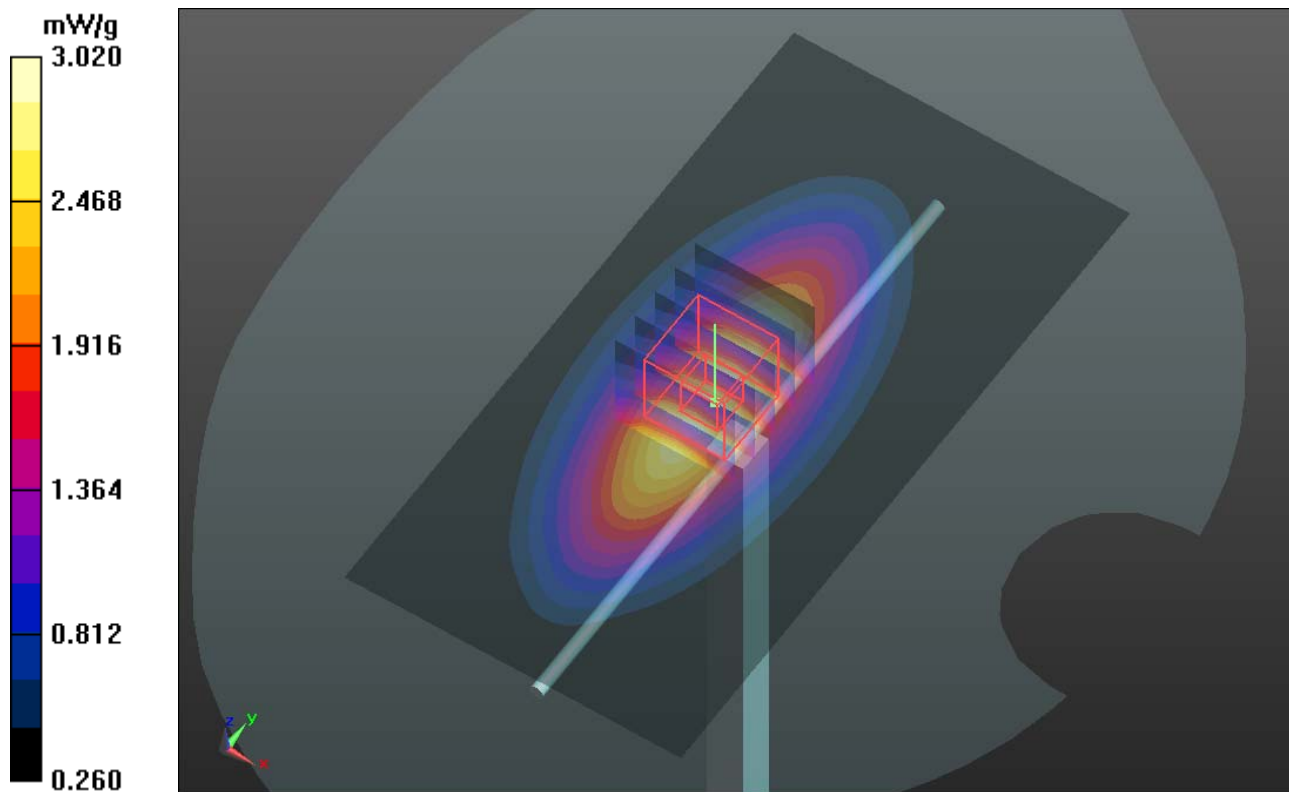
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.153 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.547 mW/g

**SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.58 mW/g**

Maximum value of SAR (measured) = 3.02 mW/g



## System Check\_H835\_120414

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835\_0414 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.885 \text{ mho/m}$ ;  $\epsilon_r = 41.988$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.99 mW/g

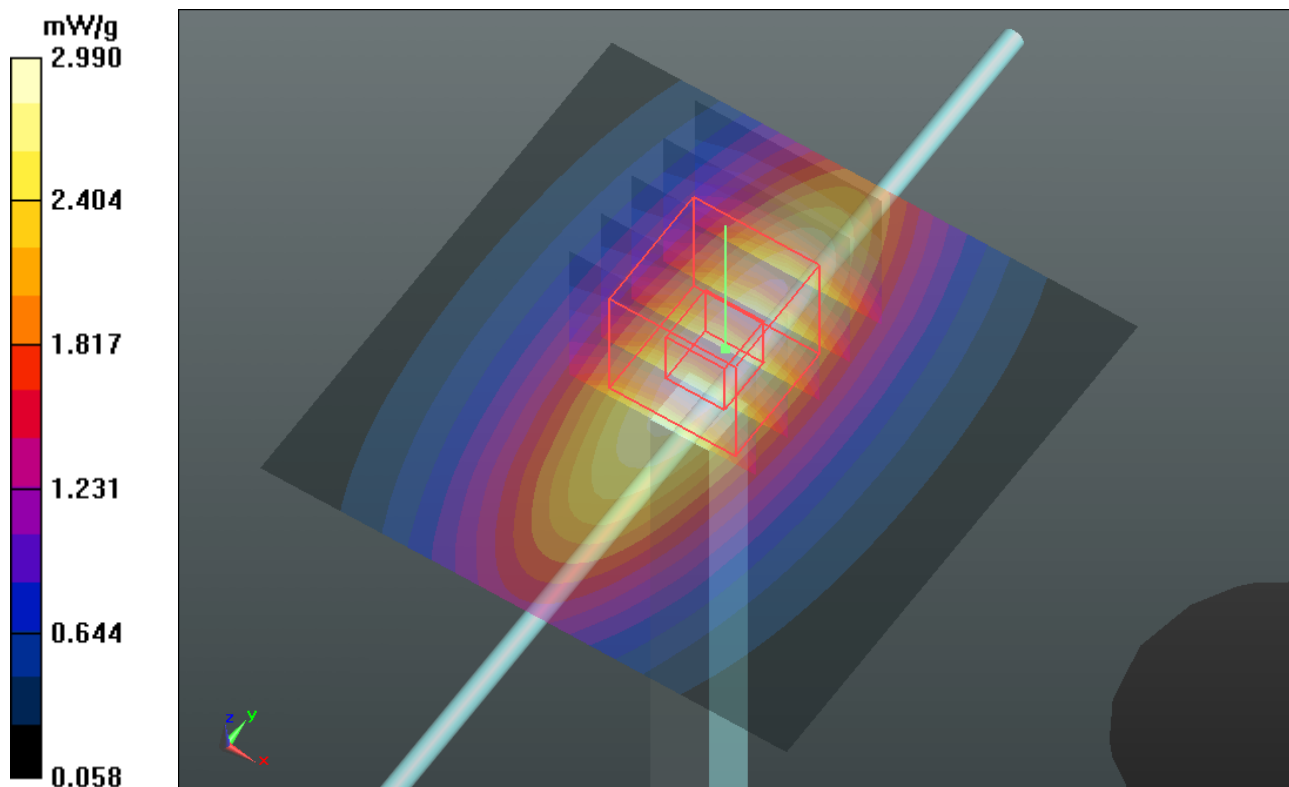
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.312 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.570 mW/g

**SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.51 mW/g**

Maximum value of SAR (measured) = 2.99 mW/g



### System Check\_B835\_120409

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

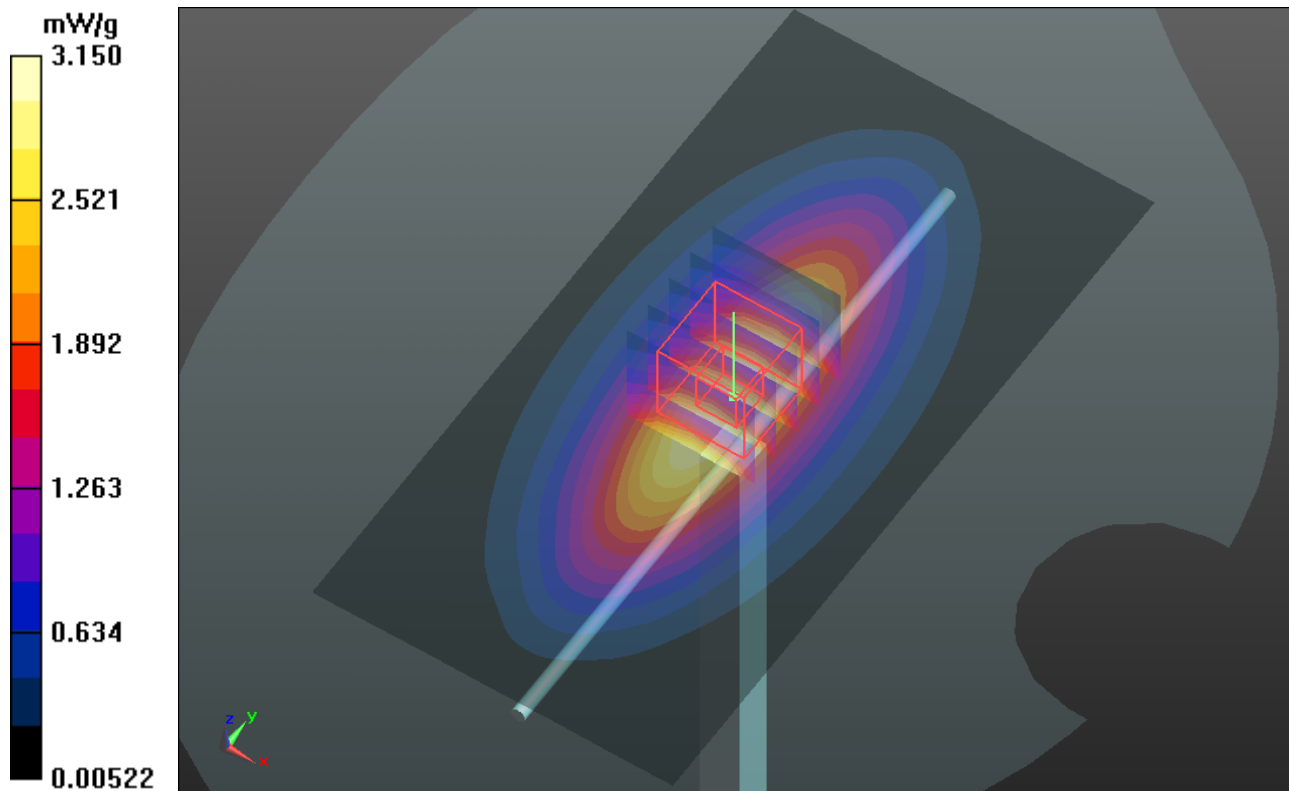
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium: B835\_0409 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.994 \text{ mho/m}$ ;  $\epsilon_r = 55.056$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $22.0 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $20.7 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $3.16 \text{ mW/g}$

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $54.626 \text{ V/m}$ ; Power Drift =  $-0.009 \text{ dB}$   
Peak SAR (extrapolated) =  $3.681 \text{ mW/g}$   
**SAR(1 g) =  $2.5 \text{ mW/g}$ ; SAR(10 g) =  $1.66 \text{ mW/g}$**   
Maximum value of SAR (measured) =  $3.16 \text{ mW/g}$



## System Check\_B835\_120413

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: B835\_0413 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.994 \text{ mho/m}$

;  $\epsilon_r = 54.98$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $21.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $20.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $3.05 \text{ mW/g}$

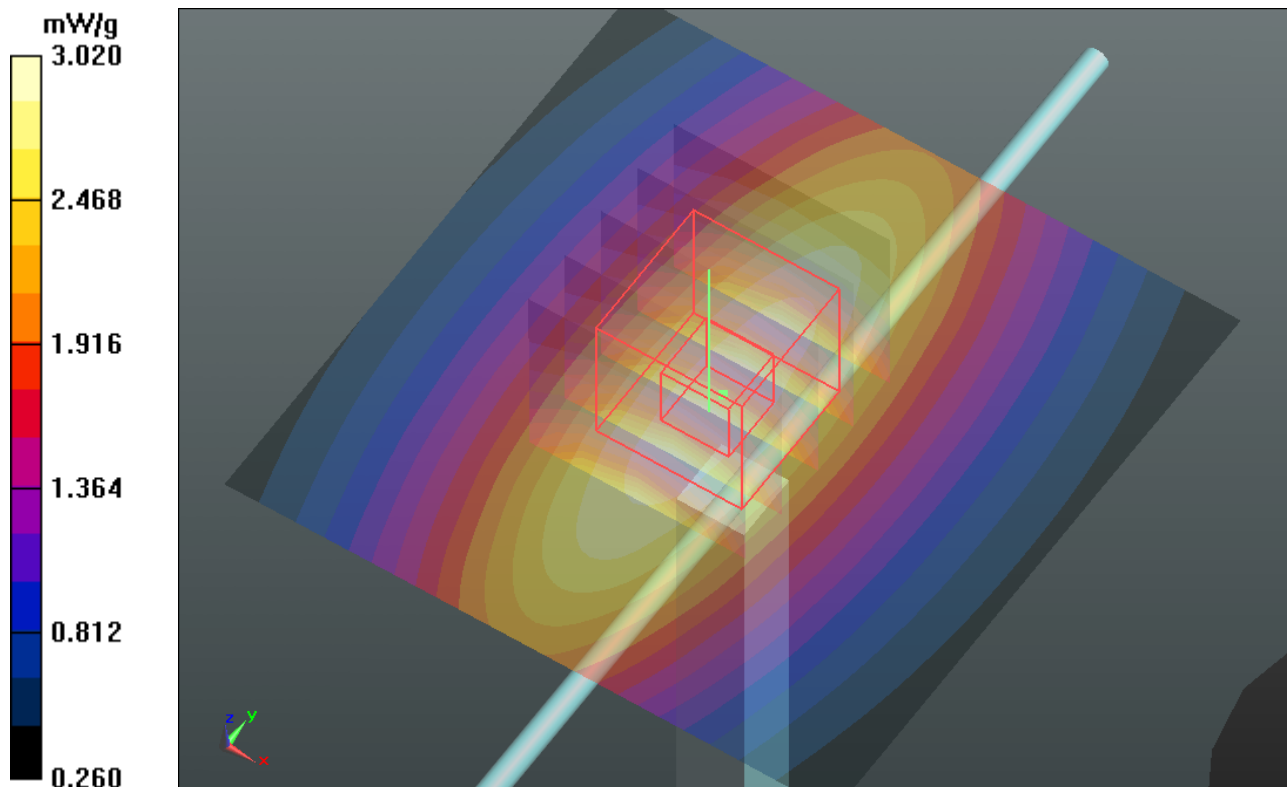
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $53.819 \text{ V/m}$ ; Power Drift =  $0.100 \text{ dB}$

Peak SAR (extrapolated) =  $3.542 \text{ mW/g}$

**SAR(1 g) =  $2.43 \text{ mW/g}$ ; SAR(10 g) =  $1.6 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.05 \text{ mW/g}$



### System Check\_H1900\_120413

**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H1900\_0413 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 15.5 mW/g

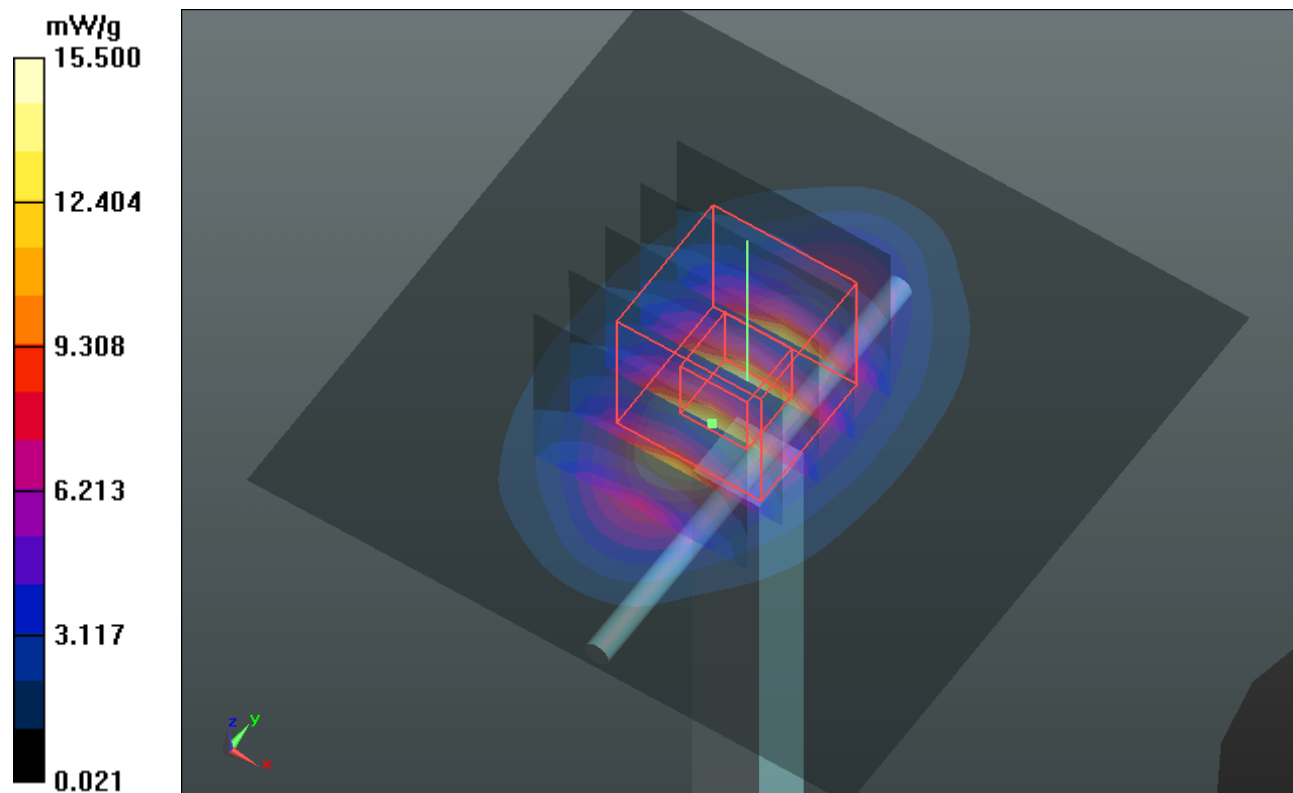
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.427 mW/g

**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.38 mW/g**

Maximum value of SAR (measured) = 15.0 mW/g



## System Check\_B1900\_120414

**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B1900\_0414 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.545$  mho/m;  $\epsilon_r = 52.878$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.0 mW/g

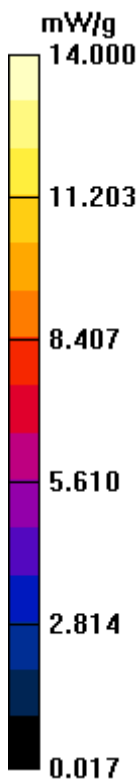
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.388 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.753 mW/g

**SAR(1 g) = 9.32 mW/g; SAR(10 g) = 4.75 mW/g**

Maximum value of SAR (measured) = 13.5 mW/g



## System Check\_B1900\_120416

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B1900\_0416 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.548$  mho/m;  $\epsilon_r = 52.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

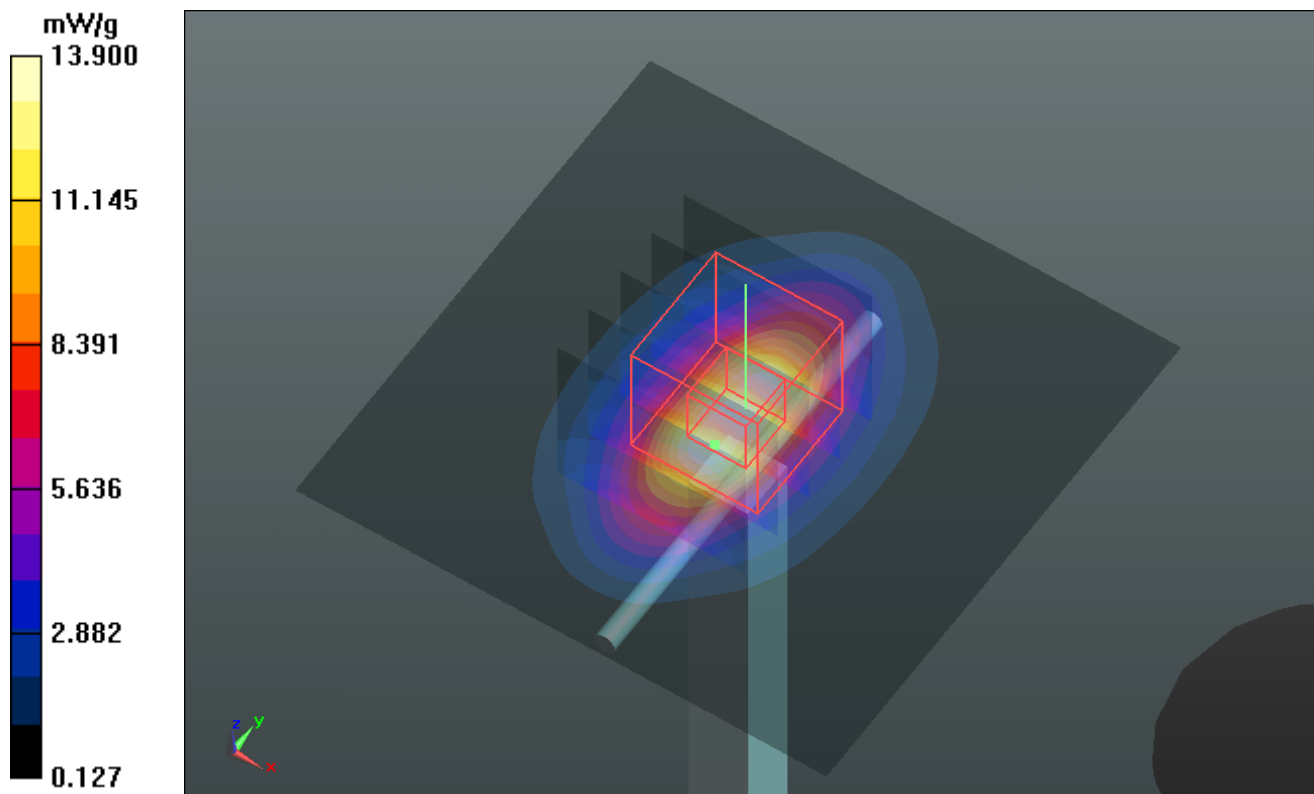
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 13.9 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 97.232 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 18.249 mW/g  
**SAR(1 g) = 9.57 mW/g; SAR(10 g) = 4.88 mW/g**  
Maximum value of SAR (measured) = 13.9 mW/g



## System Check\_H2450\_120414

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.841$  mho/m;  $\epsilon_r = 38.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 22.4 mW/g

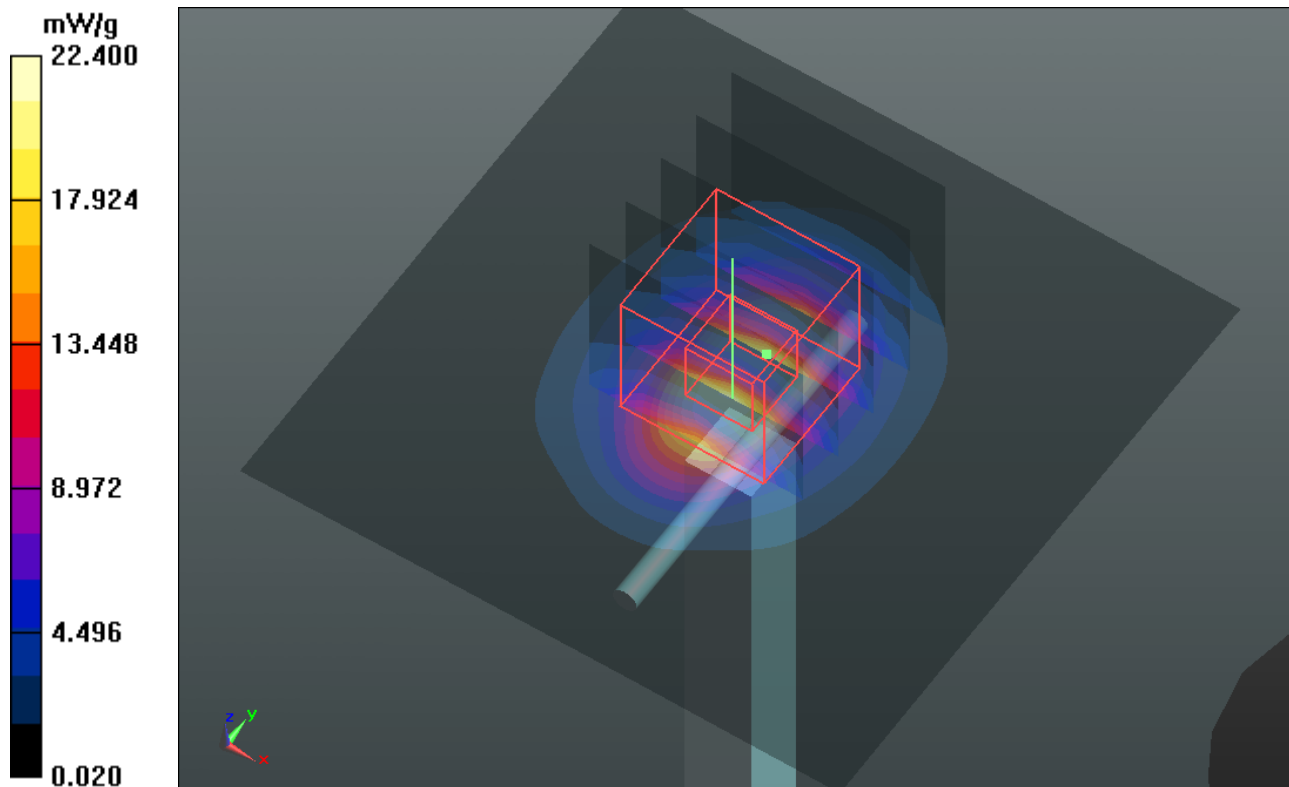
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.0 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 30.411 mW/g

**SAR(1 g) = 13.36 mW/g; SAR(10 g) = 6.14 mW/g**

Maximum value of SAR (measured) = 21.1 mW/g





## System Check\_B2450\_120416

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 51.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 20.8 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.1 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.886 mW/g

**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.16 mW/g**

Maximum value of SAR (measured) = 19.7 mW/g

